

**PATENT APPLICATION**  
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No: Q80238

Hiroaki NASU, et al.

Continuation of Appln. No.: 10/176,004;  
Filed: June 21, 2002

Group Art Unit: Not Yet Known

Confirmation No.: Not Yet Known

Examiner: Not Yet Known

Filed: March 18, 2004

For: GLOW PLUG AND SPARK PLUG, AND MANUFACTURING METHOD THEREFOR

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR §§ 1.97 and 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

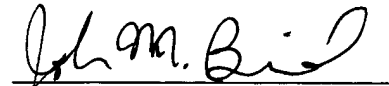
In accordance with the duty of disclosure under 37 CFR §1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form which are all the references of record in parent application No. 10/176,004. Applicant is not submitting duplicate copies of these references but requests that they be listed on the face of any patent granted on the above application. (See 37 CFR §1.98(d)). Copies of any cited copending applications, if not previously submitted, are being submitted herewith.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not

Information Disclosure Statement  
Continuation of S.N.: 10/176,004  
Sughrue Ref: Q80238

waive any right to take any action that would be appropriate to antedate or otherwise remove any  
listed document as a competent reference against the claims of the present application.

Respectfully submitted,

  
\_\_\_\_\_  
John M. Bird  
Registration No. 46,027

SUGHRUE MION, PLLC  
Telephone: (202) 293-7060  
Facsimile: (202) 293-7860

WASHINGTON OFFICE

**23373**

CUSTOMER NUMBER

Date: March 18, 2004

Substitute for Form 1449 A &amp; B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT***(use as many sheets as necessary)***Complete if Known**

Application Number	Cont. of S.N.: 10/276,004
Confirmation Number	Not Yet Known
Filing Date	March 18, 2004
First Named Inventor	Hiroaki NASU
Art Unit	Not Yet Known
Examiner Name	Not Yet Known
Attorney Docket Number	Q80238

Sheet 1 of 1

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
		US 4,967,116		10/30/1990	Oshima
		US 4,705,575		11/10/1987	Klos, et al.
		US 3,851,637		12/03/1974	Green
		US 6,236,148	B1	05/22/2001	Nasu, et al.
		US 6,538,365		03/2003	Nasu, et al.
		US 6,437,493		08/2002	Nasu, et al.
		US 6,236,148		05/2001	Nasu, et al.
		US 20020193033		12/2002	Nasu, et al.
		US			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
		UK	2 078 261	A	01/06/1982	Champion Spark Plug Company	
		DE	196 15 664	A1	10/23/1997	SurTec Produkte und Systeme Oberflächenbehandlung GmbH	
		DE	196 38 176	A1	04/16/1998	SurTec Produkte und Systeme für die Oberflächenbehandlung GmbH	
		JP	6-84547		10/26/1994		
		JP	1-92092		06/16/1989		
		JP	56-15791		04/13/1991		

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>
		Patent Abstract of Japan; Publication No. 01015397; 01/19/1989, Suganuma Nobuyuki;	
		Patent Abstract of Japan, Publication No. 01015396, 01/19/1989	

Examiner Signature

Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or in the comment box of this document. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to indicate here if English language Translation is attached.